

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
10 March 2005 (10.03.2005)

PCT

(10) International Publication Number  
**WO 2005/021130 A1**

(51) International Patent Classification<sup>7</sup>: **B01D 25/21**,  
B01L 3/00, G01N 33/543

Dirk [NL/NL]; Swingdreef 27, NL-3845 BV Harderwijk  
(NL). **SCHIELEN, Wilhelmus, Joseph, Gerardus**  
[NL/NL]; Het Bildt 153, NL-8245 CN Lelystad (NL).

(21) International Application Number:  
PCT/NL2004/000615

(74) Agent: **WINCKELS, J., H., F.**; Vereenigde, Johan de Wit-  
tlaan 7, NL-2517 JR Den Haag (NL).

(22) International Filing Date:  
3 September 2004 (03.09.2004)

(81) Designated States (*unless otherwise indicated, for every  
kind of national protection available*): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
03077782.5 3 September 2003 (03.09.2003) EP

(71) Applicant (*for all designated States except US*): **CEDI DI-  
AGNOSTICS B.V.** [NL/NL]; Edelhertweg 15, NL-8219  
PH Lelystad (NL).

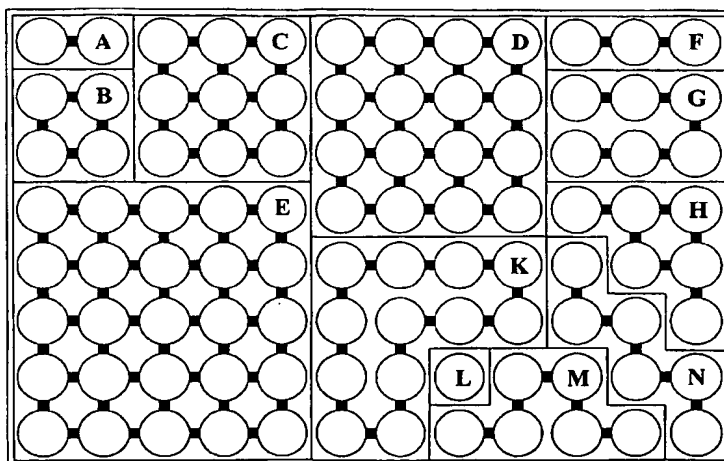
(84) Designated States (*unless otherwise indicated, for every  
kind of regional protection available*): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **KEIZER, Gerrit**,

[Continued on next page]

(54) Title: METHOD OF DETECTING MULTIPLE ANALYTES



(57) Abstract: The invention relates to a a microtiter plate and its use in a method of the invention, which microtiter plate comprises a plurality of containers, wherein the bottom of each container comprises a (semi-)permeable membrane capable of directly or indirectly binding an analyte, and wherein each container is separated from an adjacent container by a container dividing wall, wherein the containers are grouped in one or more clusters, each cluster comprising at least two containers, wherein said clusters are separated from adjacent clusters by a cluster dividing wall and wherein at least part of the container dividing wall is lower than the cluster dividing wall or wherein the container dividing wall contains at least one passageway connecting at least two adjacent containers within a cluster, said passageway being at a distance from the bottom of the container and at least partly below the top of the container.

WO 2005/021130 A1



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

— *with international search report*